Kommander-KA84

All in one KA amplifier and processing solution

DATASHEET

Installed Sound Kommander-KA84

DESCRIPTION

The Kommander-KA line of power amplifiers are comprised of the KA24 and KA84. The KA24 is a 4 channel per 500W on 4 Ohm and the KA84 is a 4 channel per 2000W on 4 Ohm. Both have 4 fully-independent and configurable channels. The integrated DSP offers EQ, Matrix, Levels, Delays and Limiter functions on every channel, to avoid the need of external additional processors. The front panel has an easy-to-use touchscreen that gives access to all the basic functions for quick setup and corrections.

Both models can be used as a mixer for fixed installations thanks to the microphone and Phantom power options available on every analog IN. 2 GPIO ports give easy external analog controls using K-array accessories.

An onboard library preset with K-array speaker gives an optimal and easy configuration for endless combinations. All DSP functions are remote controlled via the K-framework software over RS485 (3-pin XLR) or integrated USB connector.

The amplifier is built into a 2U lightweight, sturdy chassis and comes with a kit of removable rack adapters and four rubber pads for flat surfaces. The KA amplifiers feature optical limiters, and protection against over temperature, over current and short circuits.

COLORS & PREMIUM FINISHES AVAILABLE

Black

FEATURES

On-Board Touch Screen

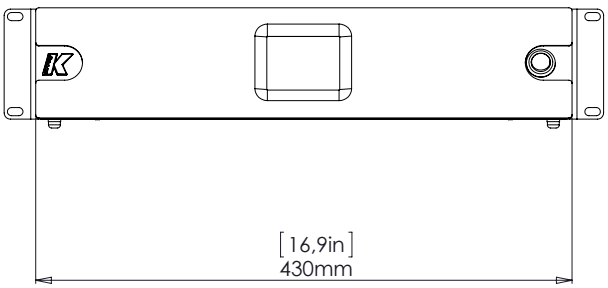
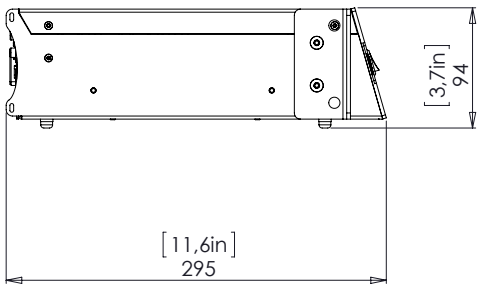
Lightweight

FREQUENT APPLICATIONS

- THEME PARKS
- AUDITORIUMS, EDUCATION & GOVERNMENT
- HOUSES OF WORSHIP
- THEATERS & CONCERT HALLS
- BROADCAST & STUDIOS

TECHNICAL SPECIFICATIONS

POWER OUTPUT		Digital Connectors	1 Male + 1 Female 3-Pin XLR
Max Output @ 4Ω	4 x 2000 W [1]	**REMOTE CONTROLO INPUT**	
Max Power @ 8Ω	4 x 1000 W [1]	Connectors	1 Male + 1 Female XLR Parallel 1 USB B Jack Serial Converter
Max Power Bridged@ 8Ω	2 x 4000 W [1]	**AUDIO POWERED OUTPUT**	
Minimum Impendence	4 Ω (Single Channel Mode) 8 Ω (Bridge Mode)	Connectors	2x4 Pin Speakon NL4
AUDIO SPECS		NL4 1 Wiring	1+1-=A1 / 2+2- =A2
Distortion (THD+N)	<0.09% 1W to full power@4Ω	NL4 2 Wiring	1+1-=B1 / 2+2- =B2
Input Impedence	10 kΩ balanced	**AC POWER**	
Gain	32 dB	Connector	2 x PowerCon IN / OUT
Output	Unbalanced to Ground	Nominal Voltag	100 - 240V 50/60 Hz with PFC
Bandwidth	20 Hz - 20kHz (±1 dB)	Operating Range	AC 90 - 264V
Damping Factor	>10000 @ 100 Hz	Efficiency	>79% (typical)
PROTECTION		1/8 Rated Power (Pink Noise)@ 8Ω	600 VA
Thermal	Yes	**CERTIFICATION**	
Short Circuit / Over Load	Yes	IP	20
Clip Limit / Analog Signal Limit	Yes	**PHYSICAL OVERVIEW**	
AUDIO INPUT		Dimensions	43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61")[2]
Analog Connectors	4 Male + 4Female 3-Pin Balanced XLR	Weight	6.4 kg (14.1 lb)

1. EIAJ Test Standard, 1KHz, 1%THD
2. (W x H x D)

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from w those presented in this catalogue.